

LEUCTRA SZCZYTKOI, A NEW STONEFLY FROM LOUISIANA (PLECOPTERA:LEUCTRIDAE)^{1,2}

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ABSTRACT: *Leuctra szczytkoi*, n. sp. is described from Louisiana and a holotype male is designated. The male is distinguished from some others in the *ferruginea* (Walker) complex.

We have recently acquired a male *Leuctra*, collected at an isolated spring in Jackson Parish, Louisiana, which is an undescribed member of the *ferruginea* complex. Since that complex was recently reviewed by James (1976), we are herein providing a comparative description of this species.

Leuctra szczytkoi, n. sp.

Male — Forewing length 7 mm; body length 5 mm. Head dark brown with indistinct rugosities. Pronotum with faint dark mid-dorsal line separating broad light areas; areas of dark rugosities laterad to light strip. Tergum 7 with small oval thickening on mid-antero-dorsal line; tergum 8 with basal sclerotized band expanded into pointed triangular area on mid-dorsal line; mesal field unsclerotized (Fig. 2). Specillum with apical spine twice as long as wide. Paraprocts subequal to specillum in length, slender, sinuate and apically acute (Fig. 1).

Type — Holotype ♂ (# 76749) from Louisiana, Jackson Par., Schoolhouse Springs, nr. Indian Village, 30-III-73, J. Morse & J. Louton. Holotype deposited in United States National Museum.

Diagnosis — This species can be separated from others in the complex by the prominent specillum spine, the long paraprocts and by the acute process of tergum 8. Both *rickeri* James and *ferruginea* (Walker) typically have a rounded process on tergum 8, and in both species the specillum is longer than the paraprocts.

Etymology. — This species is named in honor of Dr. Stanley W. Szczytko.

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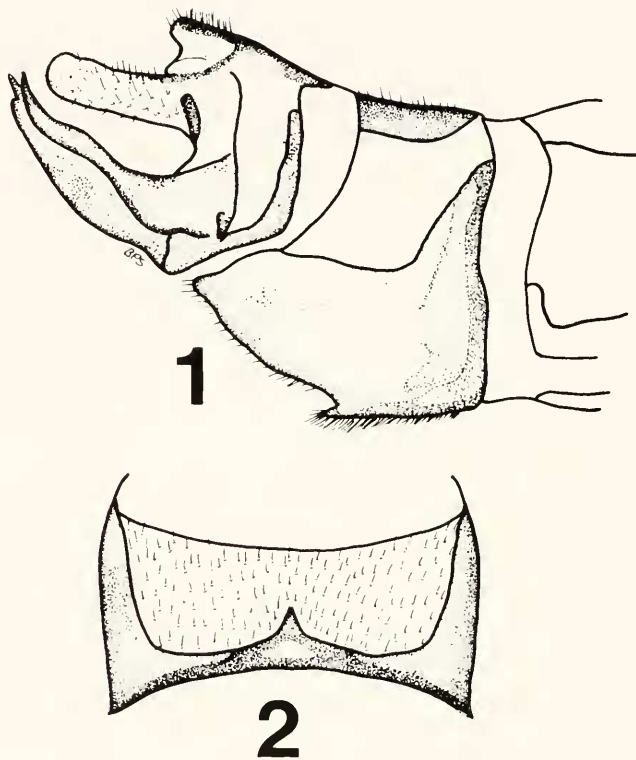
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LITERATURE CITED

James, A. 1976. Two new species of *Leuctra*, with notes on the *ferruginea* group (Plecoptera:Leuctridae). Ann. Entomol. Soc. Amer. 69:882-884.



Figs. 1-2. *Leuctra szczykoi*. 1. Male terminalia, lateral. 2. Male tergum 8.